

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|------------------------------------|------------------|---------|------------------|
| S1 | 782 | pyroelectric with (switch\$4 or \$2revers\$4 or chang\$4) with (direction or polarization or field or current) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2011/05/05 11:15 |
| S2 | 149 | S1 and pyroelectric adj (device\$1 or sensor\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2011/05/05 11:15 |
| S3 | 17 | S2 and perovskite | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2011/05/05 11:16 |
| S4 | 3 | pyroelectric with irrevers\$4 with (dipole\$1 or polarization or orientation) with (field or current) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2011/05/05 11:44 |
| S5 | 0 | pyroelectric with (dipole\$1 or polarization or orientation) near3 vertical\$2 with (field or current) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2011/05/05 11:51 |
| S6 | 1 | pyroelectric with (dipole\$1 or polarization or orientation or direction) near3 vertical\$2 with (field or current) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2011/05/05 11:51 |

| | | | | | | |
|-----|----|--|------------------------------------|-----|----|------------------|
| S7 | 9 | pyroelectric adj material with (dipole\$1 or polarization or orientation or direction) with applied adj3 (field or current) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2011/05/05 12:11 |
| S8 | 6 | pyroelectric adj material same (dipole\$1 or polarization or orientation or direction) with applied adj3 (field or current) with (remain or irreversible or switch\$4 or chang\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2011/05/05 12:53 |
| S9 | 38 | (baTiO3 or "BatiO.sub.3" or barium adj titanate) with sputter\$3 with (layer or coat \$3) same (pol\$3 or heat\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2011/05/05 14:01 |
| S10 | 0 | (baTiO3 or "BatiO.sub.3" or barium adj titanate) with sputter\$3 with (layer or coat \$3) same (pol\$3 or heat\$3) same appl\$4 near4 (current or field) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2011/05/05 14:02 |
| S11 | 0 | S9 and pyroelectric adj (device\$1 or sensor\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2011/05/05 14:03 |
| S12 | 3 | S9 and pyroelectric and (device\$1 or sensor\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2011/05/05 14:03 |

5/ 5/ 2011 5:43:02 PM

**C:\ Documents and Settings\ KNguyen12\ My Documents\ EAST\ Workspaces
\ 10560107.wsp**